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3 PP.

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AUG 1962, P 3.

JPRS 15566

EEUR - CZECH
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The Labour Requirement of Production in the Chemical
Industry and Its Significance in Determining the
Scope for Raising Labour Productivity, by I. A.
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1960, pp 42-46.

British Rubber Manufactures

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Jul 60

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Sci - Physics
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1960, pp 157-161.

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On the Evaluation of Certain Integrals With Regular
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On the Evaluation of Certain Singular Integrals with
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13 pp.

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Elimination of Temperature Error in Working
With Thermo-Compensated Tensometers, by Yu. A.
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Apr 60

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S-4296

(DC-2067)

On Tissue Vaccines Against Foot-and-Mouth Disease, by
G. Pyl, A. Heinig, 8 pp.

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US JPRS/DC-L-654

Sci - Medicine

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Experiences With Production and Application of the
Riems ~~Ad~~ Adsorbate Vaccine for Foot and Mouth Disease,
(From the Research Institute for Animal Epidemics
Island of Riems Near Greifswald), by H. Rohrer,
H. Mohlmann, G. Pyl; 19 pp.

Full translation.

GERMAN, bk, Experimentelle Veterinarmedizin v, ~~WERNER~~,
Leipzig, 1950, pp 1-13.

USDA Tr

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CTS/DEK

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The Production of Lipoid-Free Extracts From Virus
Brain, by Gottfried Pyl.

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USDA

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Scientific - Biology

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Contribution to the Knowledge of Adsorbage Vaccines;
Purification of Neurotropicly Modified Guinea Pig-B-
Strain of Foot-and-Mouth ~~HEX~~ Disease Virus and Its
Changed Reaction in Adsorption, by Gottfried Pyl.

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Vol VI, No 2, 1952, pp 113-117.

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**Attempted Isolation of the Complement-Fixing
Antigen and of the Virus of Foot-and-Mouth Diseases,
by Gottfried Pyl and Friedel Kesting.**

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Infektionskrankheiten und Hygiene, I. Originale,
Vol CLII, No 6, May 1948, pp 378-380.

USDA

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Attempts to Purify the Neurotropic Modified
Guinea Pig-B-Strain of Foot-and-Mouth Disease,
by Gottfried Pyl

GERMAN, per, Experimentella Veterinarmedizin,
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The Influence of Lipoids on the Neurotropic Foot-
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The Island of Riems, by Gottfried Pyl.

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No 2, 1952, pp 72-100.

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On Chloroform Treatment of Brain Material in
Neurotropic Virus Types. A Contribution to Virus
Inactivation, by Gottfried Pyl.

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May CTS/DEX

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On the Ingredients of Non-Biological Origin in the
Riems Foot-and-Mouth Disease Vaccine, by Gottfried Pyl,
Karl Otto Hobohm.

GERMAN. Berliner und Munchner tierarztliche Wochenschrift,
Nos 7/8, 18 Feb 1944, p 58.

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Scientific - Biology

May CTS/DEX

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EFFECT OF SILICON ON THE STRUCTURE AND PROPERTIES
OF A SIX-COMPONENT POWDER METALLURGY ALLOY OF THE
Ti-Al-Co-Fe-Si-B SYSTEM, BY I. I. KORNILOV,
YE. N. PYLAVEGA, ET AL, 6 PP.

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I NOVIYE SPLAVY, NO 7, 1962, PP 135-139.

JPRS 15909

SCI - MIN/MET

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216,285

Pylaev, B. F.
THE NEWEST METHODS FOR CONVERSION OF
SYLVINITE WASTE INTO TABLE SALT. [1963] [10]p.
Order from OTS or SLA \$1.10 63-14597

Partial trans. (p. 24-28) of [Gorno-Obogatitel'noe
Delo] (USSR) 1932, no. 1, p. 22-28.

DESCRIPTORS: *Wastes (Industrial), *Flotation,
*Potassium compounds, *Sodium compounds, Chlorides,
Production, Fertilizers.

(Engineering-Chemical, TT, v. 10, no. 6)

63-14597

1. Title: Sylvinit
1. Pylaev, B. F.

1244489

Office of Technical Services

Pylae, B. F.
THE NEWEST METHODS FOR CONVERSION OF
SYLVINITE WASTE INTO TABLE SALT. [1963] [10]p.
Order from OTS or SLA \$1.10
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Partial trans. (p. 24-28) of [Gorno-Obogatitel'noe
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1. Title: Sylvinite
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Influence of Cavitation Intensity on the
Stability of Materials, by N. I. Pylayev, 570
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Oct 1964, pp 26-29.

JPRS 29130

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Crystalline Structure of ~~Nix~~³ Ni₃Nb and Ni₃Ta
Compounds, by E. N. Pylayeva, E. I. Gladyshevskiy,
8 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III, No 7,
1958, pp 1626-1631.

AEC-tr-4455
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PST 377

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An Investigation of the Hf Equilibrium of the Ternary
System of Metallides Hf , Nb - Hf , Ti - Hf , Zr , by
I. I. Kurnilov, E. N. Pylayevii, 4 pp.

RUSSIAN, par. In Ak Nauk SSSR, Otdel Khim
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Precipitation of W_1Ta From Alloys of Nickel-Tantalum
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5 pp.

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AEC-UCRL-Tr-969

Sci - Mat & Mat

Oct 63

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Study of the Properties of Titanium Alloys,
IV. Properties of Alloys of the Ternary, Ti-Al-Fe
System, by I. I. Kornilov, E. N. Pylaeva, M. A.
Volkova, 5 pp.

RUSSIAN, par, Fiz Metal i Metallov, Vol VIII,
No 2, 1959, pp 182-186.

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Crystal Structure of the Compound Ta_2Ni , by
P. I. Kripyakevich, E. N. Pylayeva, 3 pp.

RUSSIAN, per. Zhur Strukturnoi Khim, Vol III, No 1,
1962, pp 35-37.

CB

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An Investigation into the Equilibrium of the
Ternary System Ti - Al - Fe, by I. I. Kornilov,
E. N. Pylayeva, M. A. Volkova, II, 12 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol III,
No 6, 1958, pp 1391-1397.

AEC-tr-4454
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PST 376

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The Theory of Dissociative Extraction: Separation
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Diethylaniline, by Z. E. Zin'kov, L. I.
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Analysis of Mixtures of Aniline, Mono- and Dimethylaniline, by Z. E. Zin'kov, L. I. Pylaeva, 3 pp.

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Structural Diagram of the Nickel-Tantalum System,
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pp 110-117 9211404

AEC UCRL-Tr-970

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Sci - Chemistry

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Investigation of the Phase Diagram of the Ternary
System $\text{Ni-Ni}_3\text{Nb-Ni}_3\text{Ta}$, by I. I. Kornilov and
E. N. Pylayeva, 10 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol I, No 2,
1956, pp 308-316.

AEC-tr-4583
PL-480

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Jan 62

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Study of the Binary Systems Ni_3Ti - Ni_3Ta ;
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No 3, Mar 1958, pp 673-677.

ATIC F-TS-9531/V

Sci - Chem

Jul 59

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Diagram Composition-Heat Resistance of Alloys of
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RUSSIAN, per, Trudy Ak Nauk SSSR, Institut Metal,
Vol II, 1957, pp 164-166.

SIA 60-14509

Sci

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Phase Diagram of Binary System Titanium-Aluminum,
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RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 7, 1956, pp 771-778.

CIA/Z-348

Sci - Chemistry; Min/metals
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On the Distribution of Diffuse Radiation Over
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RUSSIAN, per, Isaled po Fiz. Atmos., 1963,

No 4, pp 111-119.

ML 9022.551 1964 (252) (On Loan)

Aug 65

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Experimental Induction of Lung Cancer in Rats
by Intratracheal Administration of 9,10
Dimethyl-1,2,-Benzanthracen, by L. N. Pylev, 4 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol LII,
No 11, 1961, pp 99-101.

CB

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Sep 62

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(NY-5330)

Eliminate Shortcomings in Planning and Recording
Economic Indices, by V. V. Pylev, Ye. M. Bolshakova,
12 pp.

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JPRS 7112

Sci

Feb 61

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Solubility and Supersaturation in the System Sodium
Sulfate-Water at High Temperatures, by E. I.
Alimov, E. V. Fylova, 8 pp.

RUSSIAN, per, Zhur Georgen Khim, Vol XII, No 9, 1958,
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ANC-tr-4457
PL-480

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Metastable Equilibria in the $\text{NaCl} - \text{KCl} - \text{H}_2\text{O}$
Three-Component System, by E. I. Akhumov, E. V.
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RUSSIAN, per, Zhur. Neorgan Khim, Vol V, No 8,
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Cleaver-Hume Press

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Feeding Habits of Starlings and Tree Sparrows, by
T. B. Ardanatskaya, L. M. Pyl'tsina, S. M. Semenov,
6 pp.

RUSSIAN, bk, Puti i Metody Ispol'zovaniya Ptits v
Bor'be s Vrednymi Nasekomyimi, 1956.

OTS 60-51163
PL-480

801 - B10

Apr 61

PST No 117

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Action of Attracted Birds on the Population of
Harmful Insects, by L. M. Pyl'tsyna, 3 pp.

RUSSIAN, bk, Puti i Metody Ispol'zovaniya Ptits v
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OTS 60-51168
FL-480

Sci - Bio

Apr 61

PST No 117

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A Wave Recorder of New Design, by V. A. Pymsha,
4 pp.

RUSSIAN, per, Meteorologiya i Gidrologiya,
Vol II, 1949, pp 175-177. CIA C 5818

A.C.S.I.L. Trans 484

Sci - Engineering, meteorology

30,105

Calculation of Coefficient of Filtration on the
Basis of Rated Value of Psophometric Noise Voltage
by B. A. Pyontkovskiy.

RUSSIAN, per, ^vElektrosvyaz, No 9, 1958, pp 66-70

Pergamon Press

Sci
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Certain Specific Features of the Higher Nervous Activity of Fully Grown Animals Irradiated Antennately with Ionizing Radiation. Communication I. The Influence of Ionizing Radiation on the Offspring, by I. A. Pyontkovskiy, 4 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol XLVI, No 9, 1958, pp 77-80.

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Sci - Med

Jun 59

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Variation of Local Strains of Salmonella
Typhosa in Artificial Adaptation Experiments
With antibiotics, by E. G. Larkins, A. K.
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RUSSIAN, per, Zhurn Mikrobiol Epidemiol i
Immunobiol, Vol XXIX, No 7, 1958, pp 20-24₃

Pergamon Inst

Sci - Med

Apr 59

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Sanitary Protection of the Borders and the Present
International Epidemiological Situation, by I. M.
Pypina.

RUSSIAN, par, ²mir Mikrobiol, Epidemiol i Immunobiol,
No 10, 1960, pp 89-94. CIA 9075531

OTS 61-19649
USDA

Sci - Biology
Apr 61

148,453

(NY-6450)

The Bulgarian Merchant Fleet, by A.
Pytsak, 5 pp.

POLISH, per, Morze, Vol XVII, No 8,
1961, pp 10-11.

JPRS 10822

EUR - ~~Poland~~ BULGARIAN
ECON
Dec 61

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Proteins and Protein-like Compounds in Tobacco, by
C. Pyriki.
GERMAN, per, Institut fuer Tabakforschung. Dresden
Berichte, vol. 11, no. 2, 1964, pp. 183-200.
NTC 70-17076-02D

CSIRO/Number 7812

C Pyriki

Pyriki, C. and Müller, R.
EXPERIENCES RELATING TO THE METHODS OF
TOBACCO ANALYSIS. Paper read by C. Pyriki to the
CORESTA Symposium at Istanbul, 23-24 Aug 60.
[1962] 12p. 17 refs.
Order from OTS or SLA \$1.60

63-10722

Trans. of [die] Nahrung (West Germany) 1962,
v. 6, no. 2, p. 166-174.

DESCRIPTORS: *Tobacco, Chemical analysis,
*Nicotine, Carbohydrates, Proteins, *Nitrogen, Amino
acids, Titration.

(Chemistry--Analytical, TT, v. 10, no. 1)

63-10722

I. Pyriki, C.
II. Müller, R.
III. Title: CORESTA ...

Office of Technical Services

Proteins and Similar Compounds in Tobacco
Communication 2. The Method of Protein
Determination, by Constantin Pyriki, Rudolf
Muller, 5pp
GERMAN, par, Inst tabakforsch Berlin, Vol 10,
1963, No 2, pp 209-237
ELA TT-G-18525

Constantin Pyriki

Sci - Chem
May 67

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Pyrik, C.
NICOTINE CONTENT OF TOBACCO AND OF ITS
PRODUCTS FOR SMOKING AS WELL AS ITS FATE
DURING SMOKING. [1962] 24p.
Order from K-H \$30.00

K-H-3471-b

Trans. of die Pharmazie (Germany) [1955] v. 10,
p. 806-812.

DESCRIPTORS: *Tobacco, *Nicotine, Smokes,
*Cigarettes, *Pharmacology.

(Chemistry--Analytical, TT, v. 9, no. 7)

62-22652

- I. Pyrik, C.
- II. K-H-3471-b
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

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Office of Technical Services

Pyriki, C. and Philipp, W.
VOLATILIZATION OF NICOTINE FROM TOBACCO
BY HEAT TREATMENT. [1962] 13p.
Order from K-H \$16.25 K-H 6146-c

Trans. of Institut für Tabakforschung. Ber[ichte]
(East Germany) 1956, v. 3, no. 2, p. 77-87.

DESCRIPTORS: *Tobacco, Heat treatment, *Nicotine,
Vaporization.

(Chemistry, TT, v. 8, no. 8)

62-22661

- I. Pyriki, C.
- II. Philipp, W.
- III. K-H-6146-c
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C223306

Office of Technical Services

Pyriki, C.
FILTER CIGARETTES AND THEIR ACTION. [1962]
21p.

Order from K-H \$26.25

K-H 6171-a

Trans. of Institut für Tabakforsch[ung]. Ber[ichte]
(East Germany) 1956, v. 3, no. 2, p. 310-328.

DESCRIPTORS: *Cigarettes, *Strainers, Tobacco,
*Smokes, Toxicity.

(Biological Sciences--Pathology, TT, v. 8, no. 8)

62-22651

- I. Pyriki, C.
- II. K-H-6171-a
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C223302

Office of Technical Services

Pyriki, C.
THE BEHAVIOR OF OXYNICOTINE IN THE SMOKING
OF CIGARETTES. Feb 61. 10p.

62-17592

I. Pyriki, C.

Pyriki, C. and Kunstmann, F. W.
CONTRIBUTION TO THE QUANTITATIVE DETER-
MINATION OF ORGANIC ACIDS IN TOBACCO.
[1962] 20p.
Order from K-H \$25.00

K-H 6146-b

Trans. of Institut für Tabakforsch[ung]. Ber[ichte]
(East Germany) 1956, v. 3, no. 1, p. 60-76.

DESCRIPTORS: Tobacco, Organic acids, Deter-
mination, Quantitative analysis.

(Chemistry--Analytical, TT, v. 8, no. 8)

62-22659

- I. Pyriki, C.
- II. Kunstmann, F. W.
- III. K-H-6146-b
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C223305

Office of Technical Services

Pyriki, C.
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PAPER. [1962] 11p.
Order from K-H \$13.75

K-H 3236-c

Trans. of Chemische Technik (East Germany) 1953,
v. 5, no. 3, p. 442-444.

DESCRIPTORS: *Cigarettes, *Paper, Analysis.

(Chemistry--Analytical, TT, v. 8, no. 8)

62-22655

- I. Pyriki, C.
- II. K-H-3236-c
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C223304

Office of Technical Services

Pyrik, C.
CANCEROGENIC SUBSTANCES IN TOBACCO
SMOKE AND THE POSSIBILITY OF REDUCING
THEIR QUANTITY. [1962] 15p.
Order from K-H \$18.75

K-H 11411-h

Trans. of Pharmazeutische Zentralhalle [für Deutsch-
land] (East Germany) 1961, v. 100, p. 213-221.

DESCRIPTORS: *Cancer, Cigarettes, Smokes,
*Tobacco, Reduction.

(Chemistry--Analytical, TT, v. 8, no. 8)

62-17594

- I. Pyrik, C.
- II. K-H-11411-h
- III. Kresge-Hooker Science
Library Associates,
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Fyrkl, C.
THE EFFECT OF FILTER CIGARETTES IN RELATION TO THE FILTER MATERIAL AND DRAW RESISTANCE. [1964] 24p 21rafts
Order from SLA \$2.60

TT-64-10992

Trans. of [die] Nahrung (West Germany) 1962, v. 6, no. 7/8, p. 752-763.

(Chemistry, TT, v. 11, no. 12)

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Office of Technical Services

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THE EFFECT OF FILTER CIGARETTES IN RELATION TO THE FILTER MATERIAL AND DRAW RESISTANCE. [1964] 24p 21refs
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Trans. of [die] Nahrung (West Germany) 1962, v. 6, no. 7/8, p. 752-753.

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Pyrlik, C. and Philipp, Wolfgang.
EFFECT OF VARIOUS INORGANIC SALTS ON THE
GLOWING ABILITY OF FERMENTED TOBACCO.
[1962] 22p.
Order from K-H \$27.50

K-H 6146-d

Trans. of Institut für Tabakforsch[ung]. Ber[ichte]
(East Germany) 1955, v. 2, no. 1, p. 94-111.

DESCRIPTORS: *Inorganic substances, *Salts, *To-
bacco, Fermentation, Combustion.

(Chemistry--Physical, TT, v. 8, no. 11)

62-22662

- I. Pyrlik, C.
- II. Philipp, W.
- III. K-H-6146-d
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

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THE VARIATIONS OF ALKALOIDS IN TOBACCO
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UNDER THE INFLUENCE OF GRAFTING. [1962]

47p.

Order from K-H \$58.75

K-H-6171-b

Trans. of Institut für Tabakforschung. Berichte
(East Germany) 1955, v. 3, no. 2, p. 249-251.

DESCRIPTORS: *Alkaloids, *Tobacco,
Transformations.

(Biological Sciences—Botany, TT, v. 8, no. 11)

62-22660

I. Pyrid, C.
II. Müller, R.
III. Herrmann, R.
IV. K-H-6171-b
V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

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Office of Technical Services

Pyriki, Constantin and Moldenhauer, Walter.
INFLUENCING CIGARETTE SMOKE BY TREATING
TOBACCO WITH VARIOUS AGENTS. [1963] 9p.
Order from SLA \$1.10 63-14368

Partial trans. (excerpts) of [Institut für Tabakforschung,
Berichte (East Germany) 1960, v. 7, no. 2, p. 216-240].
A complete trans. is available from K-H \$48.75 as
K-H-10969-e [1962].

DESCRIPTORS: *Tobacco, *Cigarettes, Smokes,
Nicotine, Taste, Additives, Carbohydrates.

(Chemistry--Organic, TT, v. 10, no. 3)

63-14368

I. Pyriki, C.
II. Moldenhauer, W.

Office of Technical Services

Effect of Filter Cigarettes in Relation to the
Filter Material and Draw Resistance., by C. Pyriki.
GERMAN, per, Nahrung, Vol. 6, 1962, pp 732-743.
GB/116

C. PYRIKI

Sci -
July 1967

334-626

Paraffin Hydrocarbons in Tobacco, by Constantin
Pyriki, Frank Hofmann, 55 pp.

GERMAN, par, Berichte Institut für Tabakforsch-
ung, 1963, vol 10, no 1, pp 69-106.

SLA TT 61-18060

Constantin Pyriki

Jul 66

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18 refs

Order from SLA \$3.60

TT-64-14583

Trans. of Institut für Tabakforsch[ung]. Ber[ichten]
(East Germany) 1960, v. 7, no. 2, p. 216-240.
Other translations are available from K-H \$48.75 as
K-H-10969-a [1962]; partial trans. (excerpts) from
SLA \$1.10 as TT-63-14368 [1963] 9p.

(Chemistry--Organic, TT, v. 11, no. 11)

TT-64-14583

L. Pyrikl, C.
H. Moldenhauer, W.

1280580

Office of Technical Services

Pyrki, Constantin and Müller, Rudolf.
CONFRONTATION OF METHODS FOR OBJECTIVE
QUALITY DETERMINATION OF CIGARETTE TO-
BACCOS. [1963] 7p.
Order from SLA \$1.10

63-14369

Trans. of unidentified article, n. p., n. d.

DESCRIPTORS: *Quality control, Determination,
Cigarettes, *Tobacco, Chemical analysis.

(Chemistry--Analytical, TT, v. 10, no. 6)

63-14369

I. Pyrki, C.
II. Müller, R.

1244450

Office of Technical Services

Pyrski, Constantin and Richter, Konrad.
NICOTINE TRANSFER DURING STEAM DISTILLA-
TION OF TOBACCO USING VARIOUS ALKALIZA-
TION AGENTS WITH SPECIAL REFERENCE TO
OXYNICOTINE. [1962] 34p. 26 refs.
Order from SLA \$3.60

62-20208

Trans. of Institut für Tabakforschung. Berichte
(East Germany) 1959, v. 6, no. 2, p. 241-264.
Another trans. is available from K-H \$42.50 as
K-H-10281-g [1962] 34p.

DESCRIPTORS: *Tobacco, *Nicotine, Oxygen com-
pounds, Alkaloids, Steam, Distilling plants.

A comparison of the alkalization strength in steam dis-
tillation was made for a determination of the alkaloids
in a larger number of different tobaccos. It could be
shown that small amounts of nicotine often remain in
(Chemistry--Analytical, TT, v. 10, no. 1) (over)

62-20208

I. Pyrski, C.
H. Richter, K.

Office of Technical Services

the distillation residues with the use of magnesium oxide, with these amounts being determinable only with sodium hydroxide. The paper-chromatographic investigation showed that these portions do contain certain amounts of normicotine, but that the greatest portion consisted of nicotine. They were not formed as had been assumed from oxynicotine, but were already present in the tobacco and could not be very easily driven out of the cell structures with the use of a weaker alkalization agent. In contrast, the slow recurrence of nicotine when strongly alkalized tobacco residues were allowed to stand could be attributed to its formation from other tobacco components, but not from oxynicotine. The nicotine obtained in this manner was mainly racemic. (Author)

P8-

62-20208

Pyril, Constantia.

ON THE FERMENTATION OF TOBACCO. Communi-
cation 4. [1962] 20p.

Order from K-H \$25.00

K-H 3046-b

Trans. of Zeitschrift für Lebensmittel-Untersuchung
und-Forschung (West Germany) 1954, v. 98,
p. 110-118.

DESCRIPTORS: *Tobacco, *Fermentation.

(Agriculture--Plant Cultivation, TT, v. 9, no. 1)

62-22656

I. Pyril, C.

II. K-H-3046-b

III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

A239859

Office of Technical Services

Pyrikl, Constantin.
THE QUANTITATIVE CHANGES OF REDUCING MA-
TERIALS AS WELL AS RESINS AND WAXES. [1962]

13p.
Order from K-H \$16.25

K-H 3161-c

Trans. of Zeitschrift für Lebensmittel-Untersuchung und -Forschung (West Germany) 1954, v. 98, p. 294-301.

DESCRIPTORS: *Materials, *Resins, *Waxes, Quanti-
tative analysis.

(Materials, TT. v. 9, no. 1)

62-22657

I. Pyrikl, C.
II. K-H-3161-c
III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

62-22657

Office of Technical Services

Pyriki, Constantin.
THE DISTRIBUTION OF ALKALOIDS VOLATILE WITH
STEAM IN THE ORGANS OF NICOTIANA SPECIES IN
TOPPED AND UNTOPPED PLANTS. [1962] 10p.
K-H 5470 c
Order from K-H \$12.50

Trans. of Pharmazeutische Zentralhalle (für Deutsch-
land) (East Germany) 1956, v. 95, Mar. p. 91-96.

DESCRIPTORS: Plants, *Tobacco, *Alkaloids, Distri-
bution, Steam.

(Biological Sciences--Botany, TT, v. 9, no. 1)

62-22653

- I. Pyriki, C.
- II. K-H-5470-c
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

4259855

Office of Technical Services

Pyrki, Constantin, Müller, Rudolf, and
Moldenhauer, Walter.

[ON] THE OCCURENCE OF POLYCYCLIC HYDRO-
CARBONS IN CIGARETTE SMOKE. II. INVESTIGA-
TION OF THE LIPOPHILE COMPONENTS OF THE
VARIOUS PHASES OF SMOKING AND OF THE TO-
BACCO. Jan 61, 28p.
Order from K-H \$35.00

K-H 10573 e

Trans. of [Institut für Tabakforschung. Berichte]
(East Germany) 1960, v. 7, no. 1, p. 81-102.

DESCRIPTORS: *Cigarettes, Smokes, *Hydrocarbons,
Polycyclic compounds, Tobacco, *Lipids, *Lysines.

(Chemistry--Analytical, TT, v. 9, no. 6)

62-17596

- I. Pyrki, C.
- II. Müller, R.
- III. Moldenhauer, W.
- IV. Title: Investigation ...
- V. K-H-10573-e
- VI. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

228013

Office of Technical Services

Pyriki, Constantin.
RELATIONS BETWEEN MATERIAL COMPOSITION
AND "STRENGTH" OF TOBACCO PRODUCTS. [1962]
22p.
Order from K-H \$27.50 K-H 6146-e

Trans. of Institut für Tabakforschung. Berichte
(East Germany) 1955, v. 2, no. 2, p. 127-141.

DESCRIPTORS: *Tobacco, Processing.

(Agriculture--Plant Cultivation, TT, v. 8, no. 8)

62-22654

- I. Pyriki, C.
- II. K-H-6146-e
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C223303

Office of Technical Services

Pyrlik, Constantin and Richter, Konrad.
NICOTINE TRANSFER DURING STEAM DISTILLA-
TION OF TOBACCO USING VARIOUS ALKALIZA-
TION AGENTS WITH SPECIAL REFERENCE TO
OXYNICOTINE. [1962] 34p.
Order from K-H 542.50

K-H-10281-g

Trans. of Institut für Tabakforschung. Berichte
(East Germany) 1959, v. 6, no. 2, p. 241-264.

DESCRIPTORS: *Tobacco, *Nicotine, Oxygen com-
pounds, Alkaloids, Steam, Distilling plants.

(Chemistry--Analytical, TT, v. 8, no. 8)

62-17597

- I. Pyrlik, C.
- II. Richter, K.
- III. K-H-10281-g
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C223212

Office of Technical Services

Pyrki, Constantin and Müller, Rudolf.
ON THE OCCURRENCE OF POLYCYCLIC HYDRO-
CARBONS IN CIGARETTE SMOKE. [1962] 13p.
Order from K-H \$15.25 K-H 10281-f

Trans. of Inst[itut für] Tabak[forschung]. Ber[ichte]
(East Germany) 1959, v. 6, no. 2, p. 231-240.

DESCRIPTORS: *Cigarettes, Smokes, *Hydrocarbons,
*Polycyclic compounds.

(Chemistry--Organic, TT, v. 8, no. 8)

62-17595

- I. Pyrki, C.
- II. Müller, R.
- III. K-H-10281-f
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C223211

Office of Technical Services

Pyriki, Constantia and Moldenhauer, Walter.
INFLUENCING CIGARETTE SMOKE BY PROCESS-
ING TOBACCO WITH VARIOUS AGENTS. [1962].
Order from K-H \$48.75 K-H 10969-e

Trans. of Institut für Tabakforsch[ung]. Ber[ichte]
(East Germany) 1960, v. 7, no. 2, p. 216-240.

DESCRIPTORS: *Tobacco, *Cigarettes, Smokes.

(Chemistry--Organic, TT, v. 8, no. 8)

62-17593

- I. Pyriki, C.
- II. Moldenhauer, W.
- III. K-H-10969-e
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C223269

Office of Technical Services

Pyrki, C[onstantin] and Fritzsche, J.
ON THE QUESTION OF THE EFFICACY OF FILTER
CIGARETTES. [1962] 22p.
Order from K-H 527.50 K-H 5131-a

Trans. of Z[eitschrift für] Lebensmittel-[Untersuchung]
u[nd]-Forschung (West Germany) 1956, v. 103,
p. 113-121.

DESCRIPTORS: *Cigarettes, *Particulate filters,
*Smokes, Effectiveness.

(Biological Sciences--Toxicology, TT, v. 9, no. 2)

62-22658

- I. Pyrki, C.
- II. Fritzsche, J.
- III. K-H-5131-a
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

62-211

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Modifications of Protein and Protein-like Compounds
in the Green Tobacco Plant with reference to Several
Factors, by C. Pyriki.

GERMAN, per, Institut fuer Tabakforschung. Dresden.

Berichte, Vol. 11, no. 1, 1964, pp. 71-79.

NYC 70-17075-02D

C. Pyriki

The Dependence of Primary Production on the
Composition of Phytoplankton, by I. L.
Pyrina, 7 pp.

RUSSIAN, bk, Pervichnaya Produktsiya Morey i
Vnutrennikh Vod, 1961, pp 308-313.

Navy Tr 3601/HO 201

Sci - Biol & Med
Nov 63

242,430

(DC-3627)

SETEE

The Education of Youth in Polish Work Enterprises,
by Zygmunt Pytko, 12 pp.

POLISH, per, Szkoła Zawodowa, No 12, 1959, Warsaw,
pp 6-11.

JPRS 3406

118,787

EEur - Poland

Sociological - education

21 Jun 60

The Synthesis and Investigation of Hybrid Polymers.
I. Styrene and Isoprene Block Polymers Formed by
Catalytic Polymerization in Solution Under the
Action of Butyl Lithium, by A. A. Korotkov, L. A.
Shibayev, L. M. Pyrkov, 4 pp.

RUSSIAN, per, Vysokomol Soedin, Vol I, No 3, 1959,
pp 443-453.

PP

Sci - Chem

Apr 61

147,139

Effects of Oxygen and Stirring on Oxidation--
Reduction Polymerization of Acrylonitrile in the
Aqueous Phase, by L. M. Pyrkov, 4 pp.

RUSSIAN, per, Zhur Prikl Khim, Vol XXXIII, No 5,
1960, pp 1154-1157.

CB

Sci

Apr 61

149,624

Investigation of Secondary Reactions in Radical
Polymerization Processes by the Formation of
"Hybrid" Polymers, by L. M. Pyrkov, S. E. Bresler,
S. Ya. Frenkel', 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 8,
1959, pp 2750-2759.

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Aug 60

126,754

In the Name of the Beloved Motherland, by Pyrnkiy.
RUSSIAN, np, Krasnaya Zvezda, 19 Nov 1959.

FBI Daily Review

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MIL
Dec 59

102,335

Developments in the Chlorination of Saturated
Hydrocarbons, by Z. S. Smolyan, P. S. Pyryalova,
N. A. Kurdyumova, 17 pp.

RUSSIAN, per, Uspekhi Khim, No 1, 1960,
pp 23-54.

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Sci

Sep 60

127,542

Mechanism of the Short-Acting Conditioned Stimulus,
by S. P. Pyshina, 4 pp.

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Pavlova, Vol X, No 6, 1960, pp 860-~~8~~ 863.

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192,791

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Complex Mechanization of Labor in the Construction
and Repair of Aerial Communications Lines, by I. P.
Pyshkin, V. A. Vopilkin, N. G. Kuz'min, 5 pp.

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JPRS 8163

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May 61

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(NY-4694)

Seminar for Communication Engineers and
Technicians, by I. P. Pyshkin, 23 pp.

RUSSIAN, per, Vest Svyazi, No 5 (242), 1960.

JPRS 5616

Sci

Oct 60

129,146

Exact Evaluation of Transients and of Stability for
Sampled-Data Systems With Finite Sampling Time, by
I. V. Pyshkin, 13 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXIV, No 10,
1963, pp 1303-1316.

ISA

Sci

Apr 64

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Pyshkin, I. V.
LIMIT CYCLES IN PULSE-WIDTH MODULATED
SYSTEMS (Avtokolebaniya v Sistemakh s Shirotno-
Impul'snoi Modulatsiei). [Paper] from Proceedings of
Conference held in Moscow, 22-26 Sep 58. [1961]
[27]p. 8 refs.
Order from OTS or SLA \$2.60

62-10155

Trans. of mono. Teoriya i Primenenie Diskretnykh
Avtomaticheskikh Sistem (Theory and Application of
Discrete Automatic Systems) Moscow, 1960,
p. 132-150.

Another trans. is available from OTS \$2.60 as
AD-264151, STL-TR-44-5110-45, Aug 61, 27p.

DESCRIPTORS: *Control systems, Nonlinear systems,
Sampling, *Pulse modulation, Frequency, Functions,
Equations, Mathematical analysis.

(Engineering--Electronic, TT, v. 7, no. 9) (over)

62-10155

I. Pyshkin, I. V.
II. Title: Theory ...

206188

Office of Technical Services

The Stability of a Class of Systems With
Variable Parameters Which Vary Periodically
and Stepwise, by I. V. Pyshkin, 4 pp.

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No 9, 1961, pp 1244-1247.

ISA

Sci

Jun 62

200,613

On a Method of Representing the Structure of a Linear
Sequential Machine, by I. V. Pyshkin, 6 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXIV, No 4,
1963, pp 531-538.

ISA

Sci -
Nov 63

241, 915

Auto-Oscillation in Pulse-Width Modulation
Systems, by I. V. Pyshkin, 31 pp.

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cheskikh Sistem, 1960. 9676749-V

FTD NCU-1253/1

Sci - Phys

196, 066

15 May 62

Processes of Finite Duration in Pulse-Width
Systems, by I. V. Pyshkin, 5 pp.

RUSSIAN, per, Automat i Telemekh, Vol XXI, No 2,
1960, pp 201-208.

Instru Soc of Amer

Sci

Nov 60

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Propagation of Ultrasonic Waves in Aqueous
Solutions of Muscle Proteins, by I. E.
El'pinor, N. I. Pyshkina, 5 pp.

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pp 129-133.

Pergamon Press

Sci

Max 60

110, 776

Certain Problems in the Development of
Military Aircraft, by Lt Gen Engr Tech
Serv V. Pyshnov. FOR OFFICIAL USE ONLY
RUSSIAN, per, Voennoye Mysl', No 10, 1963.
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V. Pyshnov

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Mil
Aug 66

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